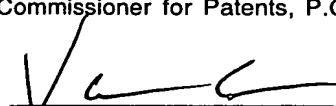


FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NO.: 1432.112.101/P29326
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/53676
INTERNATIONAL APPLICATION NO.: PCT/DE03/003606	INTERNATIONAL FILING DATE: 29 October 2003	PRIORITY DATE CLAIMED: 29 November 2002
TITLE OF INVENTION: ANALOG-TO-DIGITAL CONVERTER (As Amended)		
APPLICANT(S) FOR DO/EO/US: LAST, first; PAULUS, Christian		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input checked="" type="checkbox"/> A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input checked="" type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information: <u>Substitute Specification with Markings to Show Changes Made; Form PTO-1449; 3 cited references.</u> 		

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV365586747US. Date of Deposit: May 26, 2005. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vanessa Carels
Name of Person Making Deposit


Signature

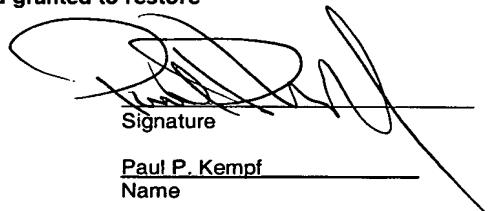
U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/536764	INTERNATIONAL APPLICATION NO.: PCT/DE03/003606	ATTORNEY'S DOCKET NO.: I432.112.101/P29326	
21. The following fees are submitted:		Applicant Use Office Use Only	
<input checked="" type="checkbox"/> a) Basic National Fee \$300.00		\$300.00	
<input checked="" type="checkbox"/> b) Examination Fee \$200.00		\$200.00	
<input checked="" type="checkbox"/> c) Search Fee \$400.00		\$400.00	
TOTAL OF ABOVE CALCULATIONS = \$1000.00		\$900.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	
107-100 =	7/50 =	1	
		RATE	
		x \$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	23-20 =	3	x \$50.00
Independent Claims	3-3 =	0	x \$200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00
		TOTAL OF ABOVE CALCULATIONS =	\$0.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$	
		SUBTOTAL =	\$1430.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))		\$0.00	
		TOTAL NATIONAL FEE =	\$1430.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. +		\$	
		TOTAL FEES ENCLOSED =	\$1430.00
		Amount to be refunded:	\$
		Amount to be charged:	\$

a. A check in the amount of \$_____ to cover the above fees is enclosed.
 b. Please charge my Deposit Account No. 500471 in the amount of \$ 1,430.00 to cover the above fees.
 c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 500471. A duplicate copy of this sheet is attached.
 d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 025281
 Paul P. Kempf
 DICKE, BILLIG & CZAJA, PLLC
 100 SOUTH FIFTH STREET
 SUITE 2250
 MINNEAPOLIS, MN 55402


 Signature
Paul P. Kempf
 Name
39,727
 Registration Number